

### Abstract Of The Disclosure

A device for testing a material that changes shape when an electric and/or magnetic field is applied, in particular a piezoactive material, having a generator to generate an electric field and/or a magnetic field is described. This permits a rapid characterization of the material and at the same time can be implemented with a much lower structural complexity. This is achieved by the fact that at least one thermal sensor is provided for detecting a change in temperature of the material.